

INFORMATION DISCLOSURE		ATTY. DOCKET NO. 102147-200		SERIAL NO. 09/923,137 10/782,019		
		APPLICANT: BOGEL, ANDREAS				
		FILING DATE: 08/06/2001 2/19/04		GROUP: 1742		
U.S. PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT No.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPR.
CE	3,677,745	7/72	Walter L. Finlay	75	153	2/24/69
FW	5,370,840	12/94	Ronald N. Caron, et al	420	492	10/18/93
FOREIGN PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT No.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
CE	EP 0784099 A2	7/97	EPO	C22C	9/00	NO
	EP 1063309 A2	12/00	EPO	C22C	9/00	YES
	63-038561	2/88	Japan	C22F C22C	1/08 9/00	NO
FW	64-028337	1/89	Japan	C22C	9/06	NO
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)						
EXAMINER: S. I. E.				DATE CONSIDERED: 5/9/07		
* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

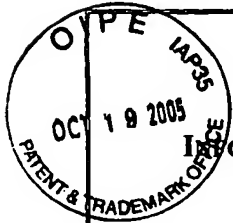
SUPPLEMENTAL INFORMATION DISCLOSURE			ATTY. DOCKET NO. 102147-200		09/923,137 10/782019	
			APPLICANT: OLIN CORPORATION <i>Bogel et al.</i>			
			FILING DATE: AUGUST 6, 2001 2/19/04		GROUP: 1742	
<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER INITIALS	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPR.
<b>FOREIGN PATENT DOCUMENTS</b>						
EXAMINER INITIALS	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<i>CB</i>	JP59193233 A	11/1/84	Japan			X
	JP 62133050 A	6/16/87	Japan			X
	JP 62202038 A	9/5/87	Japan			X
	JP 62182240 A	8/10/87	Japan			X
	JP 04221031 A	8/11/92	Japan			X
	JP 09263864 A	10/7/97	Japan			X
<b>OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)</b>						
<i>12</i> International Search Report dated 02 November 2001 Under PCT Rule 44.1						
EXAMINER: <i>S. If</i>				DATE CONSIDERED: <i>5/9/07</i>		
<small>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>						

## FORM PTO-1449

Attorney Docket No. 102147-200

INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Attorney Docket No. 102147- 200		SERIAL NO. <del>not assigned</del> 10/782,019		
		APPLICANT: Bögel, Andreas, et al				
		FILING DATE: herewith 2/19/04		GROUP: <del>not yet assigned</del> 1782		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPR.
E	2,033,709	3/1936	Hensel, et al			
	2,127,596	8/1938	Hensel, et al			
	3,677,745	7/1972	Finlay, et al			
	3,778,318	12/1973	Finlay, et al			
	4,362,579	12/1982	Tsuji.			
	4,605,532	8/1986	Knorr, et al			
	4,612,166	9/1986	Brock			
	4,678,637	7/1978	Duerrschnabel, et al			
	4,810,468	3/1989	Duerrschnabel, et al			
	5,004,520	4/1991	Tsuji, et al			
	5,024,814	6/1991	Futatasuka et al			
	5,032,358	7/1991	Helenius			
	5,306,465	4/1994	Caron et al			
	5,370,840	12/1994	Caron et al			
	5,486,244	1/1996	Caron et al			
	5,565,045	10/1996	Caron et al			
	5,601,665	2/1997	Caron et al			
	E	5,833,920	11/1998	Nakanishi et al		
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION Yes No
E	DE 196 00 864 C2	2/2000	Germany			X
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)						
1	E	"Standard Test Method for Bend Test for Formability of Copper Alloy Spring Material", ed. Feb. 1999, ASTM Designation: B 820-98, pages 802-804.				
2		"Standard Test Method for Semi-Guided Bend Test for Ductility of Metallic Materials", ed. March 1992, ASTM Designation E 290-92, pages 432-435.				
3		"Quality Function Deployment from the perspective of Competitive Advantage" by Edwin B. Dean, from <a href="http://mijuno.larc.nasa.gov/dfc/qfd.html">http://mijuno.larc.nasa.gov/dfc/qfd.html</a> , (4 pages). 1994				
4		"Comprehensive QFD from the Perspective of Competitive Advantage" by Edwin B. Dean, from <a href="http://mijuno.larc.nasa.gov/dfc/qfd.html">http://mijuno.larc.nasa.gov/dfc/qfd.html</a> , (4 pages). 1995				
5	E	Silver-Bearing Copper, Walter L. Finlay, Director of Research, Copper Range Company, NYC, Corinthian Editions 1968, Chapter II pages 7-9; Chapter III pages 10-60; Chapter IV pages 61-71.				
EXAMINER: S. J.				DATE CONSIDERED: 5/9/07		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

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				APPLICANT:			
				ANDREAS BOGEL, ET AL.			
FILING DATE:				GROUP:			
AUGUST 6, 2001 2/19/04				1742			
U.S. PATENT DOCUMENTS							
EXAMINER INITIALS	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPR.	
✓	5147469	9/92	Kanzaki et al.	148	684		
✓	5315152	5/94	Kuse et al.	257	677		
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIALS	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
✓	JP57051253	3/82	Japan				
	JP59193233	11/84	Japan				
	JP60218440	11/85	Japan				
	JP61183426	8/86	Japan				
	JP62050426	3/87	Japan				
	JP63130739	6/88	Japan				
	JP63310930	12/88	Japan				
	JP01198439	8/89	Japan				
	JP03188247	8/91	Japan				
	JP09025528	1/97	Japan				
	JP11080863	3/99	Japan				
	JP11293367	10/99	Japan				
	JP11335800	12/99	Japan				
	JP2000073130	3/00	Japan				
✓	WO00/29632	5/00	WIPO				
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
ASM Handbook, Volume 2 "Properties and Selection: Nonferrous Alloys and Special Purpose Materials, 1990, pages 290-291							
EXAMINER: S. Jp				DATE CONSIDERED: 5/9/07			
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INFORMATION DISCLOSURE	ATTY. DOCKET NO. 102147-300	SERIAL NO. 10/782019	
	APPLICANT(S): ANDREAS BÖGEL, ET AL.		
	FILING DATE: FEBRUARY 19, 2004	GROUP ART: 1742	CONF NO: 5415

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT No.	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPR.
<i>z</i>	4886641	12/89	Iwamura et al.	420	470	

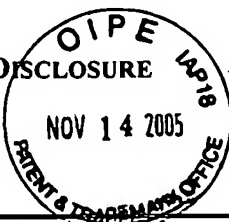
## FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT No.	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<i>z</i>	GB2311297	09/1997	Great Britain			YES
<i>z</i>	JP3-188246	08/1991	Japan			NO
<i>z</i>	JP5-051672	03/1993	Japan			NO
<i>z</i>	JP9-316569	12/1997	Japan			NO

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER: <i>S. Ie</i>	DATE CONSIDERED: <i>5/9/07</i>

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<b>INFORMATION DISCLOSURE</b> 		ATTY. DOCKET NO. 102147-300	SERIAL NO. 10/782019			
		APPLICANT(S): ANDREAS BÖGEL, ET AL.				
		FILING DATE: FEBRUARY 19, 2004	GROUP ART: 1742	CONF NO: 5415		
<b>U.S. PATENT DOCUMENTS</b>						
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<i>RE</i>	4886641	12/89	Iwamura et al.	420	470	
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<i>RE</i>	JP9-316569	12/1997	Japan			YES
<b>OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)</b>						
EXAMINER: <i>S. Fe</i>				DATE CONSIDERED: <i>5/9/97</i>		
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